symbols per node, particular methods of assigning blocks of information bits to symbols (in the case of a multiple-symbol information transmission mode) or of assigning blocks of information bits from a key generator (in the case of an information transmission mode in which spreading-code sequences are provided from an external source), a particular method of making symbol decisions, and particular methods of operating in multiple-symbol information transmission modes. However, other classes of spreading-code sequences, error-control coding schemes, symbol selection schemes, decision schemes, and methods of operation that are more advantageously suited to particular applications and/or environments would be apparent to practitioners skilled in the art of spread-spectrum digital communications upon perusal of the foregoing specification and the accompanying drawing. Accordingly, the foregoing description is to be understood as merely illustrative of the invention, which is defined more generally by the following claims and their equivalents.

Claims

I claim:

1. A method for generating sets of binary sequences, each set to be assigned to a corresponding node of a multi-node communication network, said method comprising combining digital output sequences from a first binary shift register with specified digital output sequences from a second binary shift register to produce a set of combined output sequences.